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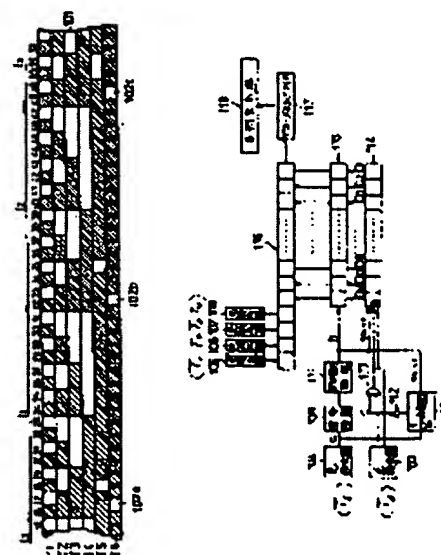
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(54) MAGNETIC TAPE REPRODUCING DEVICE

(57)Abstract:

PURPOSE: To control a reproducing device accurately by a reproduced signal formed optically or magnetically from a digital signal recording track on a top surface or reverse surface in addition to a main information signal recording track formed on the top surface.

CONSTITUTION: On the reverse surface of a magnetic tape 101, for example, six tracks T1WT6 are provided in the lengthwise direction of the tape. For optical detection, coding reference pulses and relative pulses are generated corresponding to black and white colors. Photodetectors 103 and 104 detect tracks T5 and T6, and photodetectors 105W108 detect tracks T1WT4. Outputs from the T1W T4 are combined to display an absolute address. The outputs of the photodetectors 103 and 104 are processed and passed through a shift register 114 and a latch 115, and a binary-to-decimal converting circuit 116 is driven to apply its output to a 6-digit display device 118 through a driver 117. The display device 118 displays the absolute address of reproduction. Thus, a program search is specified. In addition, the improvement of tracking, correction of irregularity of running, and prevention of a wow ad flutter are achieved adequately.



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